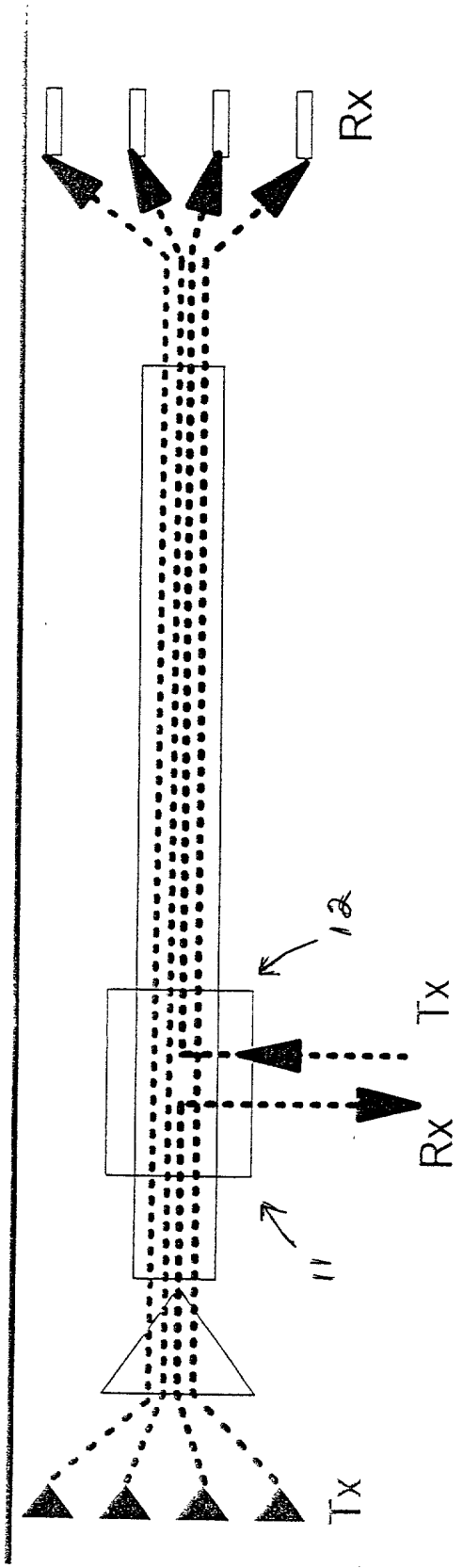

FIG 1

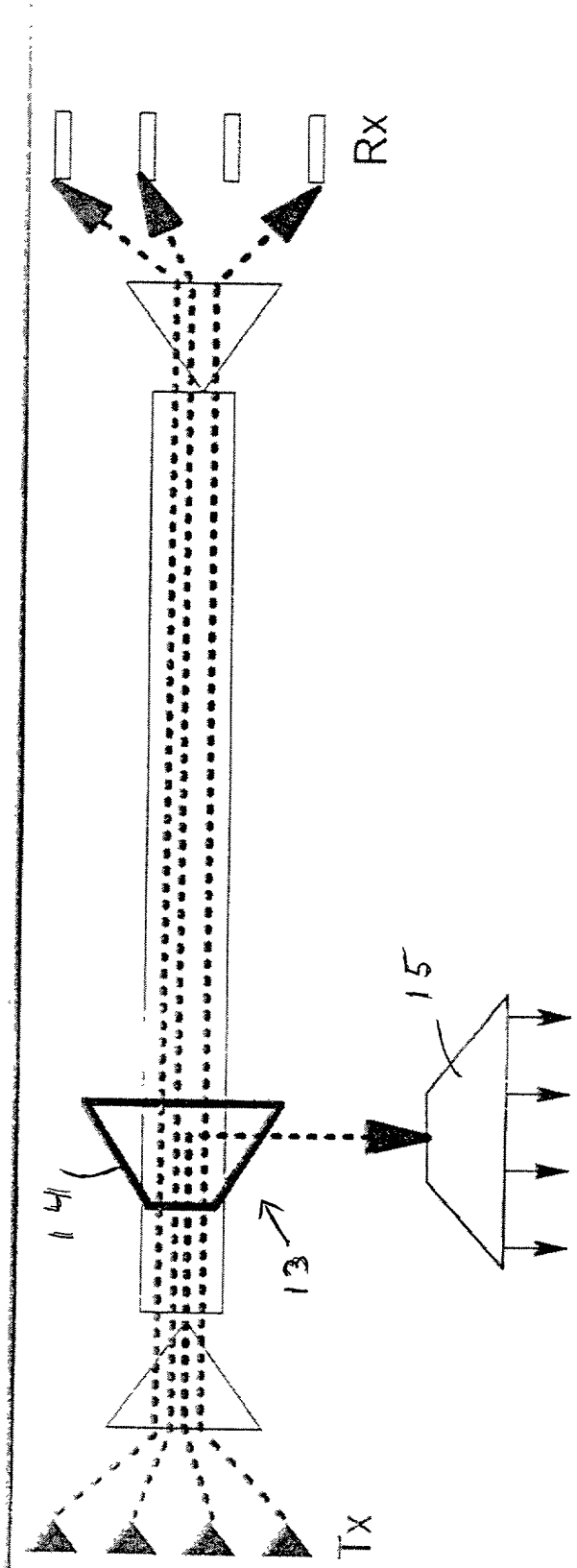

FIG 2

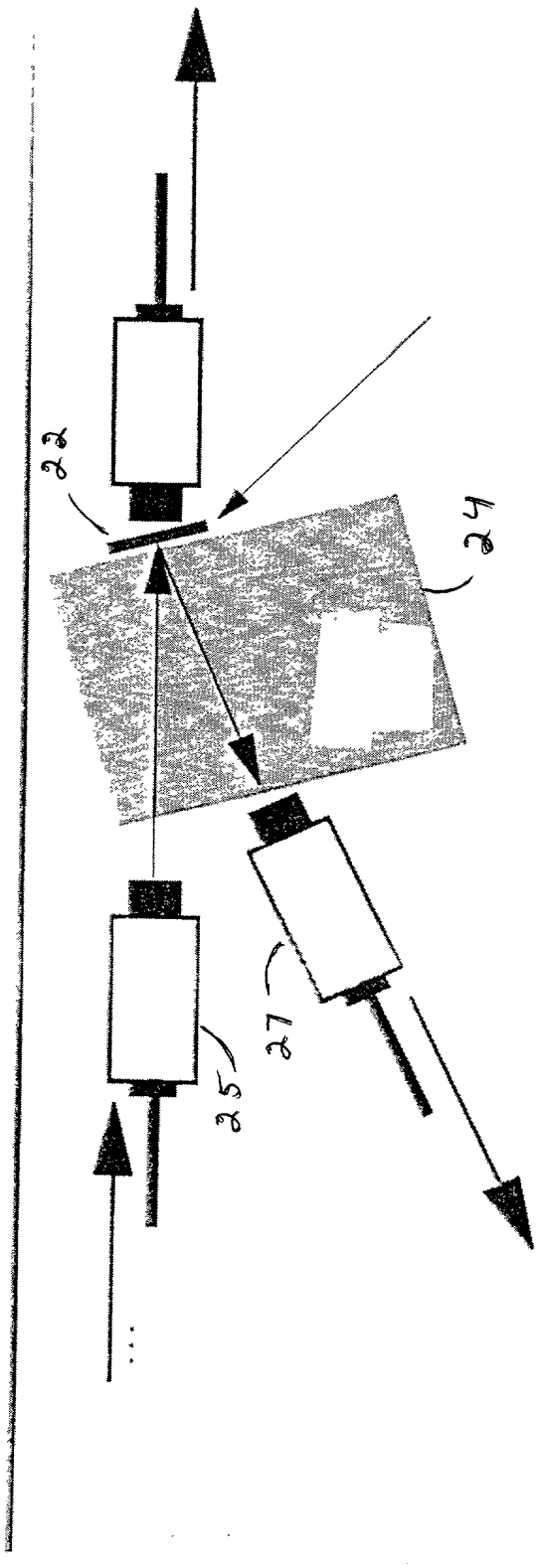

FIG 3

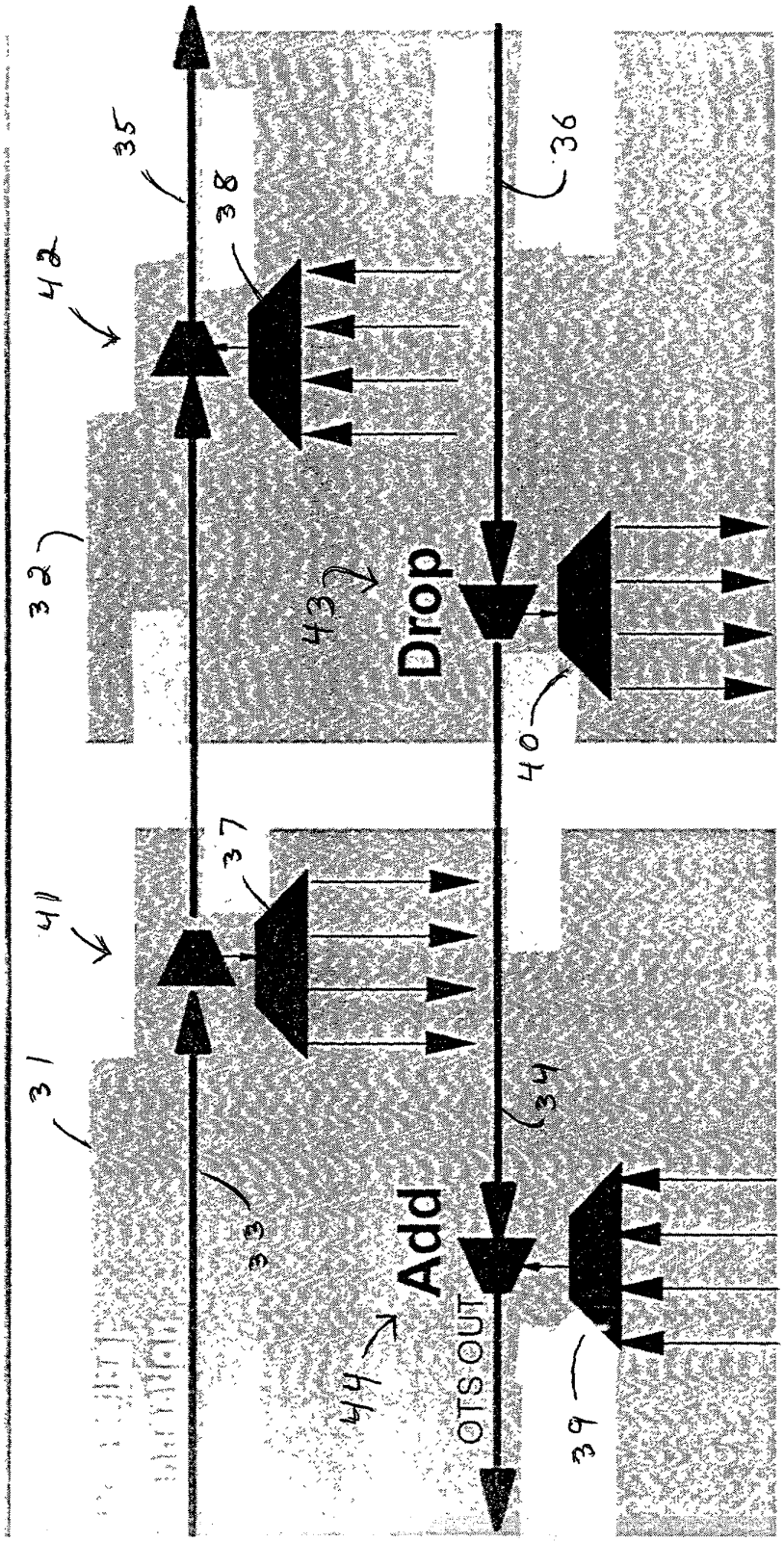

FIG 4

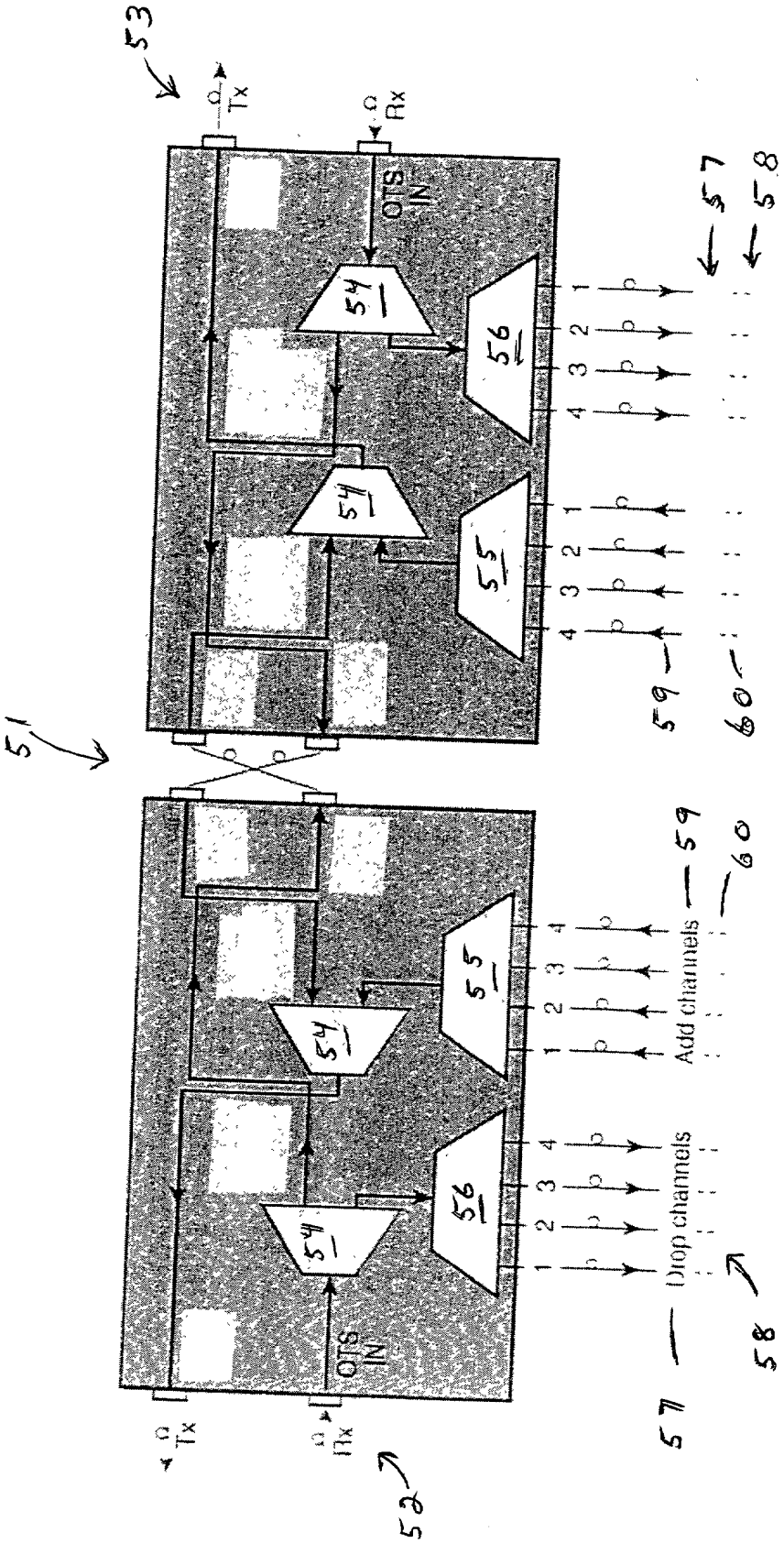
53
Tx
Rx
OTS IN
54
56
55
51
52
Add channels
Drop channels
57
58
59
60

FIG 5

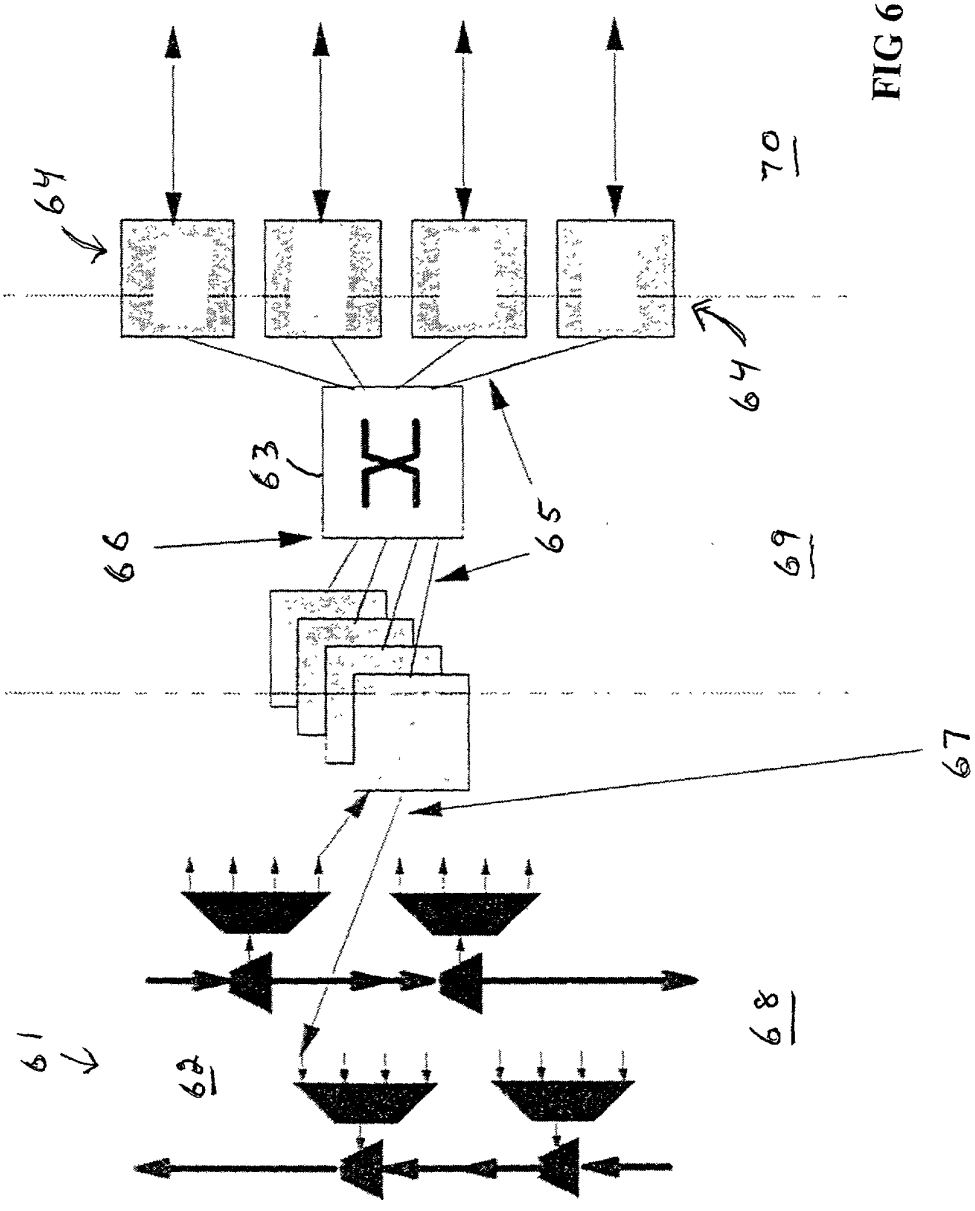

FIG 6

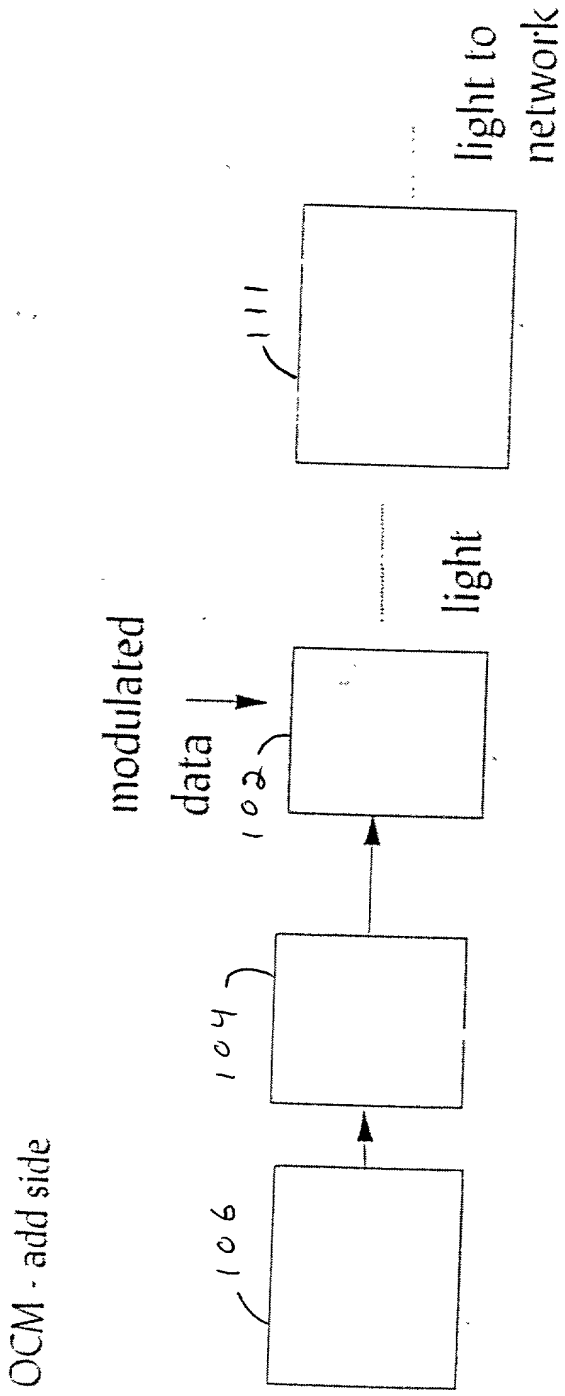
OCM - add side
106
104
modulated
data
102
light
111
light to
network
100

FIG 7

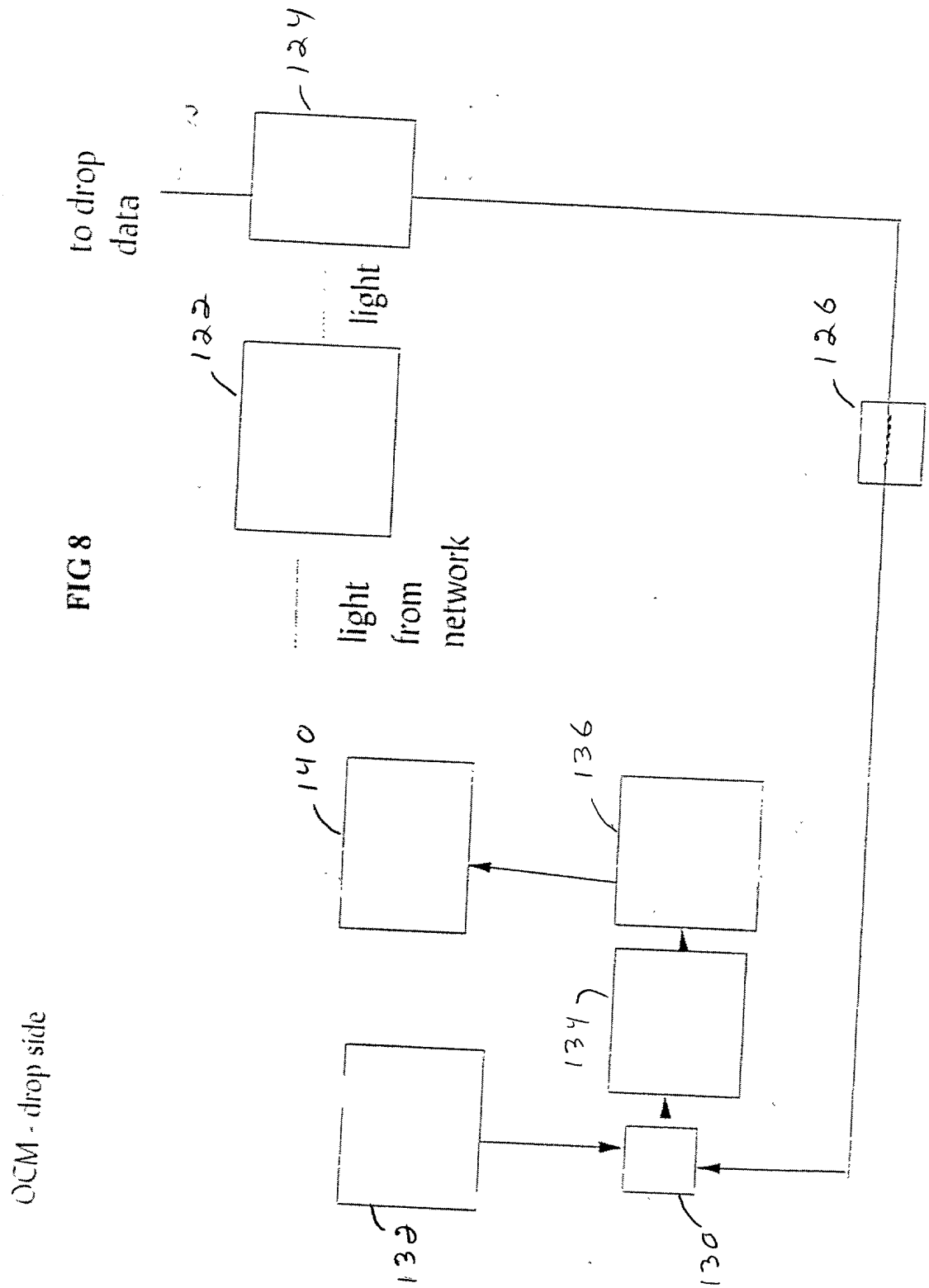
OCM - drop side
to drop data
light from network
light
124
122
126
140
136
134
132
130

FIG 8

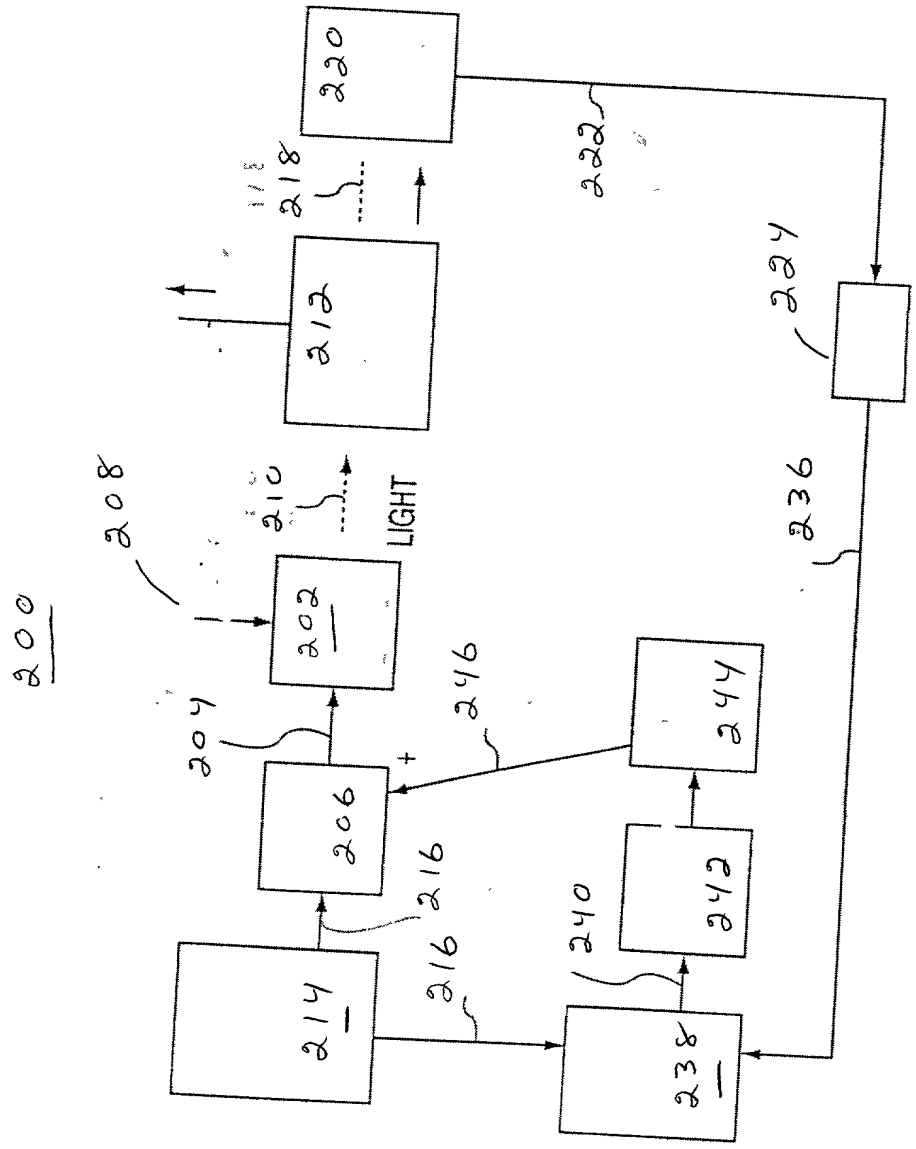
200
208
210
LIGHT
202
204
206
246
244
216
214
216
240
242
238
236
218
212
222
220
224

FIG 9

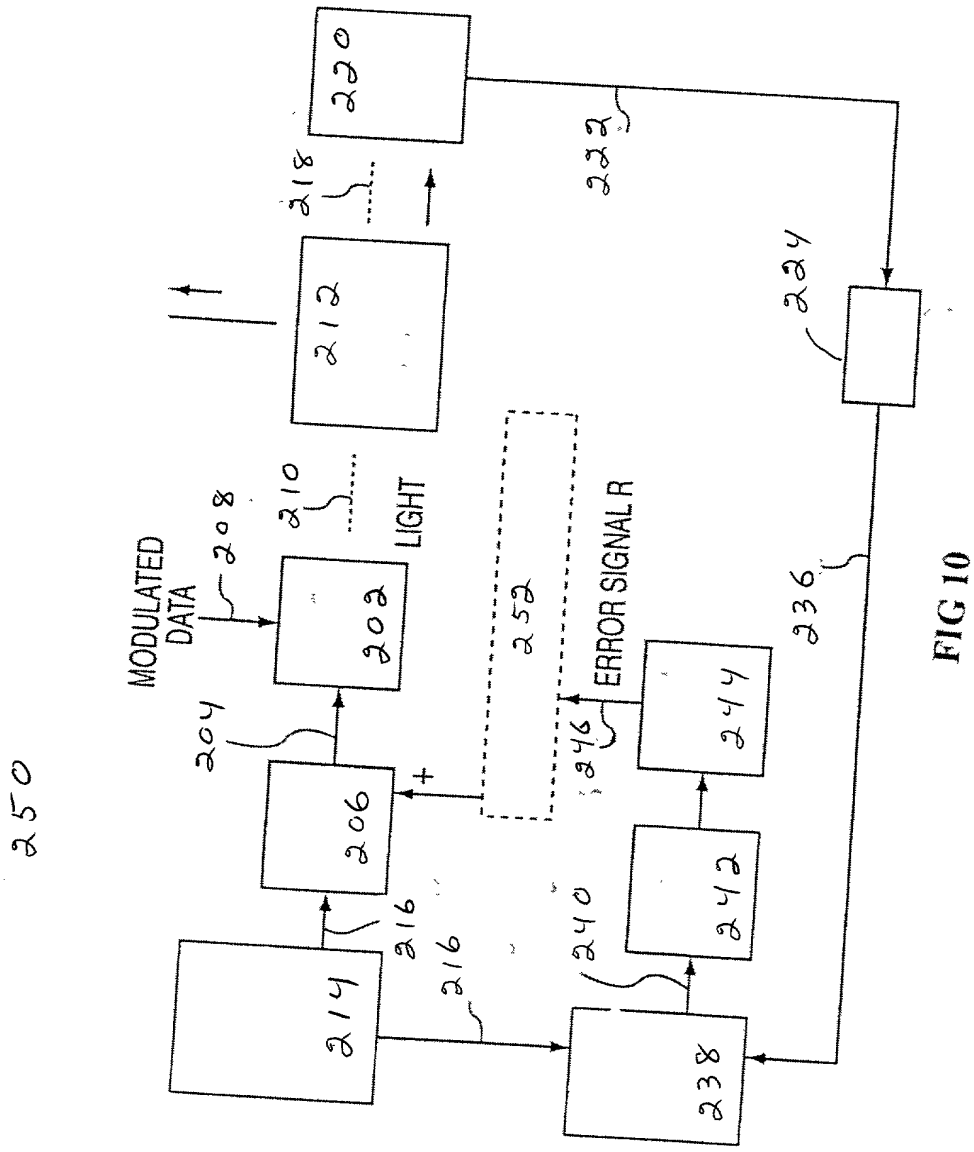
250
MODULATED DATA
208
210
LIGHT
202
204
206
+
252
ERROR SIGNAL R
246
244
242
240
216
216
214
238
236
224
212
218
220
222

FIG 10

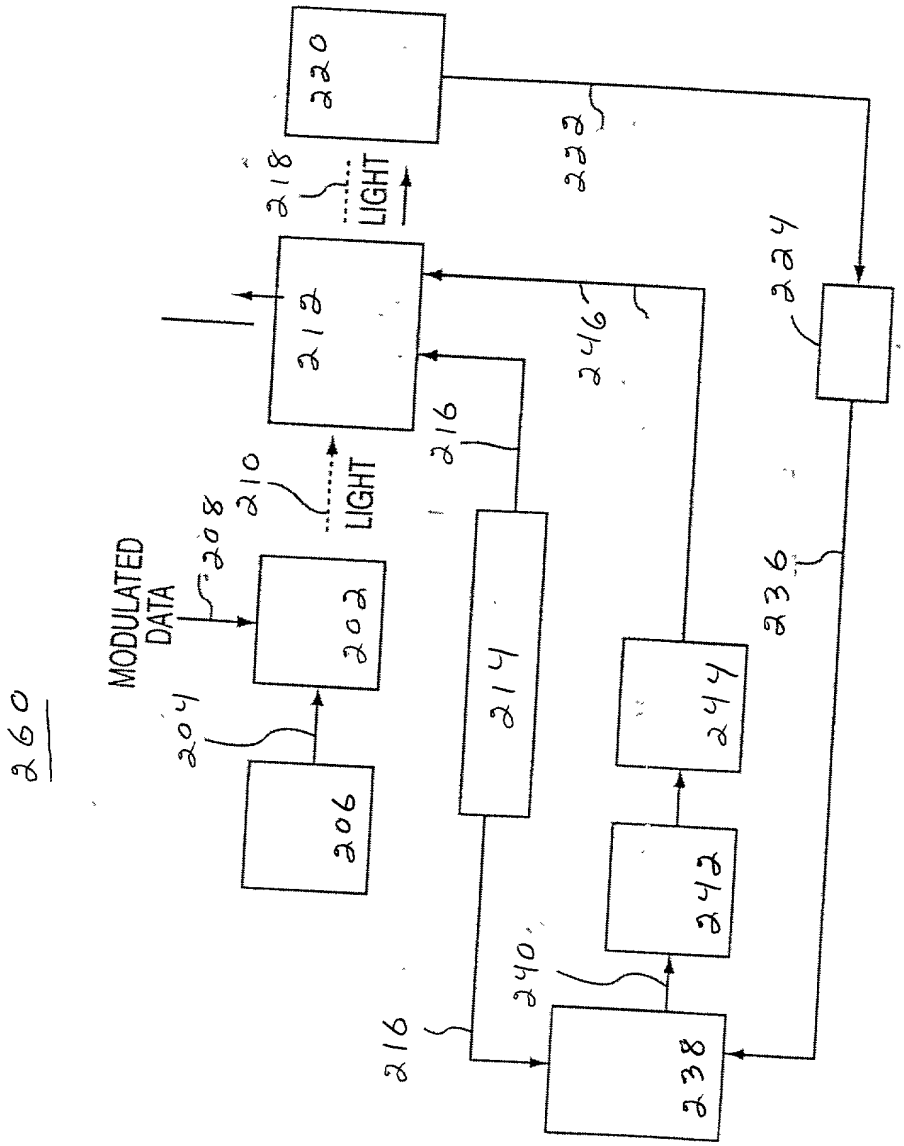
260
MODULATED DATA
208
204
206
202
210
LIGHT
212
218
LIGHT
220
222
224
216
214
216
246
244
242
240
238
236

FIG 11